

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

) Art Unit: 1625 Application of : Meyer, O. et al U.S. Appln. No. : 10/075,956 ) Examiner: Owens, A.A. Confirmation No.: 9825 U.S. Filing Date: February 14, 2002 Title of Invention: Continuous Process for Preparing Dihydropyrones. Attny. Docket No.: 1/1190 Box Patent Application Commissioner for Patents Washington, D.C. 20231 December 6, 2002 TRANSMITTAL LETTER FOR INFORMATION DISCLOSURE STATEMENT Sir: Transmitted herewith concerning the subject application is an Information Disclosure Statement under 37 C.F.R. §§1.56 and 1.97, as more specifically described hereinbelow. 1.97(b). This Statement is being filed: i) within three (3) months of the filing  $\boxtimes$ date of a national application other than a continued prosecution application under 33 C.F.R. §1.53 (d); ii) within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1,491 in an international application; iii) before the mailing of a first Office action on the merits; or iv) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. §1.114. This Statement is being filed after the time period specified in 37 1.97(c). C.F.R. §1.97(b), but before the mailing date of: i) a final action under 37 C.F.R. §1.113, ii) a notice of allowance under 37 C.F.R. §1.311, or iii) an action that otherwise closes prosecution in the application. This Statement is being accompanied by: A statement as specified in 37 C.F.R. §1.97(e) [see below]; or The fee set forth in 37 C.F.R. §1.17(p). The Commissioner is hereby authorized to charge payment of the \$180.00 fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No.

02-2955.

\$1.97( statem §1.17(	ent as s	This Statement is being filed after the period specified in 37 C.F.R. on or before payment of the issue fee. This Statement is accompanied by a specified in 37 C.F.R. §1.97(e) [see below] and the fee set forth in 37 C.F.R.
	1.97(e	e).
	counte	Each item of information contained in the instant information disclosure nent was first cited in any communication from a foreign patent office in a erpart foreign application not more than three (3) months prior to the filing of stant information disclosure statement; or
	foreign after n inform C.F.R	No item of information contained in the instant information disclosure nent was cited in a communication from a foreign patent office in a counterpart in application, and, to the knowledge of the person signing this certification making reasonable inquiry, no item of information contained in the instant nation disclosure statement was known to any individual designated in 37. §1.56(c) more than three (3) months prior to the filing of the instant nation disclosure statement.
		The fee set forth in 37 C.F.R. §1.17(p).
		The Commissioner is hereby authorized to charge payment of the \$180.00 fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 02-2955.
counte in sect	erpart aption 1.5	(d). Each item of information contained in the accompanying information tement was cited in a communication from a foreign patent office in a pplication, which communication was not received by any individual designated 6(c) more than thirty (30) days prior to the filing of the accompanying lisclosure statement.

 $\boxtimes$ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 C.F.R. §1.16 and any patent application processing fees under 37 C.F.R. §1.17, or credit any overpayment of same, to Deposit Account No. 02-2955.

Please note, the Information Disclosure Statement Transmittal sent with the RCE request by fax to the Petitions Office is dated October 3, 2002, although the two contain identical references.

Triplicate copies of this form are enclosed.

Respectfully submitted,

Anthony P. Bottino Attorney for Applicant(s)

I hereby certify that this correspondence is being Mailed by U.S. Post Office first class mail service to

Reg. No. 41,629

Patent Department Boehringer Ingelheim Corp. 900 Ridgebury Road P.O. Box 368 Ridgefield, CT. 06877

Tel.: (203) 798-4868

By: Anthony P. Bottino

Box Patent Application

Commissioner for Patents

Washington, DC 20231

on December 6, 2002

Reg. No. . 41,629

3 of 3

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

Co	mplete if Known	DEC	
Application Number	10/075,956	<b>ロロ</b>	EIVER
Filing Date	February 14, 2002	2	
First Named Inventor	Meyer, O. et al	DEC	1 1 2002
Art Unit	1625	220	- : ZUUZ
Examiner Name	Owens, A.A.		
Attorney Docket Number	1/1190	TECH CENT	ER 1600/2900

	U.S. PATENT DOCUMENTS								
Examiner Initials		Document Number Number - Kind Code <sup>2</sup> (If known	Publication Date  Name of Patentee or  Applicant of Cited Decement		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
		US-							
		US-							
		US-							
		US-	The state of the s						
		US-							
		US-							
		US-							
		us-			**************************************				
		US-			· · · · · · · · · · · · · · · · · · ·				
		US-							
	1	US-			# control (state in the state i				
		US-							
		US-							
	·   · · · · · · · · · · · · · · · · · ·	US-							
	1	US-							
*****		US-							
*********	***************************************	US-							
	**********	US-							
	1	US-							
	1	US-							

	FOREIGN PATENT DOCUMENTS									
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code3 -Number4 - Kind Code5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т <sup>6</sup>				
		WO 00 15625	05/14/1998	Warner-Lambert						
		WO 95 14012	03/23/2000	Parke-Davis & Co.						
		WO 98 37457	08/27/1998	Atotech Deutschland						
		WO 01 09064	02/08/2001	Merck Patent GmbH	**************************************					
		WO 01 51434	07/19/2001	Merck Patent GmbH						
						.,.,				

Examiner Date	
Signature Consideration Consid	dered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Control nun	idei.							
Substitute f	for form 1449B/PTO			Complete if Known RFC				11/
			OL COURT	Application Number	10/075,956			VE()
IINFOF	KWATION L	JIS	CLOSURE	Filing Date	February 14, 200	2 550		
STAT	EMENT RY	' Δ	PPLICANT	First Named Inventor	Meyer, O. et al	DF C.	1 1	2002
יייין			LIOAIII	Group Art Unit	1625	<u> </u>		2002
	(use as many shee	ets a	s necessary)	Examiner Name	Owens, A.A.	TECH CENT		
Sheet	2	of	2	Attorney Docket Number	1/1190	TECH CENT	ER :	1600/2911

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue pumber(s), publisher, city and/or country where published.	T <sup>2</sup>			
	,	Autorenkollerktiv; Organikum" 1976 VEB Deutscher Verlag der Wissenschaften, Berlin; Pages 579-589 - XP002200333				
		Kamper, K.P., et al; Micro electro mechanical systems; 1997; MEMS' 97; Procoeedings, IEEE, Tenth Annual Int'l. Workshop on Nagoya, Japan, Jan. 26-30, 1997 NY, NY USA, IEEE, US; Pages 338-343				
		"Microreactiors find new niches" ; Chemical Engineering, McGraw-Hill; New York, U.S. Pages 30-31, 33				
		Ehrfeld, W. et al, Dechema Monographien, Verlag Chemie, Weinheim, DE, Vol. 132, 1995 Pages 1-28				
***************************************						
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
Walter Street, Control of the Street, Control			-			
lokifili (toro you and the former	······					
		·				

Examiner	Date	
Signature	Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.